



# MARPOL mLLF 801-SB

Linear Low Density Polyethylene - Metallocene

# PRODUCT DATA SHEET

| PROPERTY                        | VALUE              | ASTM             |
|---------------------------------|--------------------|------------------|
| Melt Index (g/10min)            | 1.0                | D 4703           |
| Density (g/cm <sup>3</sup> )    | 0.918              | D 1238           |
| Peak Melting Temperature (°F)   | 246                | D 3418           |
| Tensile Strength at Yield (psi) | MD 1310<br>TD 1230 | D 882<br>D 882   |
| Tensile Strength at Break (psi) | MD 6690<br>TD 4660 | D 882<br>D 882   |
| Elongation at Break (%)         | MD 470<br>TD 550   | D 882<br>D 882   |
| Dart Drop Impact (g)            | 580                | D 1003           |
| Elmendorf Tear Strength (g)     | MD 270<br>TD 440   | D 1922<br>D 1922 |
| Haze (%)                        | 16                 | D 1003           |

MARPOL mLLF 801-SB is an ethylene based polymer produced with Metallocene single site catalyst. Films made of mLLF 801-SB have outstanding tensile, impact, puncture, resistance and low temperature properties. mLLF 801-SB contains slip and antiblock, which makes them suitable for formulations which require good openability and a low friction coefficient. It is a ready to use versatile polymer for demanding mono layer and multi layer blown film applications.

Applications include film for frozen food, high speed form-fill seal packaging, overwrap film, thin gauge industrial and consumer films, bag in box film, trash bags and liners.

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility.